

SAE 100 R6

ID		OD		Working Pressure		Bursting Pressure		Bending Radius		Weight	Max. Length
mm	Inch	mm	BAR	PSI	BAR	PSI	mm	Inch	KG/MTR	MTR	
6.00	1/4	12.70	35	508	140	2030	51	2.00	0.13	100+	
8.00	5/16	14.30	28	406	112	1624	64	2.50	0.15	100+	
10.00	3/8	16.00	28	406	112	1624	76	3	0.18	100+	
12.00	1/2	19.80	28	406	112	1624	76	3.00	0.23	100+	
16.00	5/8	23.10	24	348	112	1624	101	4.00	0.32	100+	
20.00	3/4	26.60	21	305	96	1392	127	5.00	0.43	100+	
25.00	1	32.50	15	210	84	1218	152	6.00	0.50	100	

TUBE:

Black, oil-resistant synthetic rubber (NBR)

REINFORCEMENT:

Single braide high tensile yarn

COVER:

Black, oil and abrasion-resistant synthetic rubber

TEMP RANGE:

-40°C to +100°C Approx

APPLICATIONS:

For low pressure Hydraulic Lines applied in various applications like earthmoving and other adjacent industries

PROPERTIES:

Uniform Thickness
High Pressure
Flexible

APPLICABLE STANDARDS:

SAE 100 R6/DIN EN854

STANDARD COLOUR:

Inner Tube - Black
Outer Cover - Black

MARKING ON THE HOSE:

Indo-Maksson - SAE 100 R6 I.D. W.P.
Made in India



Specification Subject to change due to Improvement in Quality [E&O.E].

In the interest of Continual Development, the Company reserves the right to make modifications to these details without prior notice.

SAE 100 R1 AT

ID		OD		Working Pressure		Bursting Pressure		Bending Radius		Weight	Max. Length
mm	Inch	mm	BAR	PSI	BAR	PSI	mm	Inch	KG/MTR	MTR	
6.00	1/4	13.40	225	3263	900	13050	100	3.90	0.25	100 +	
8.00	5/16	15.00	215	3118	860	12470	115	4.50	0.27	100+	
10.00	3/8	17.40	180	2610	720	10440	127	5	0.34	100 +	
12.00	1/2	20.50	160	2320	640	9280	178	7.00	0.455	100+	
16.00	5/8	23.70	130	1885	520	7540	200	7.90	0.550	100 +	
20.00	3/4	27.70	105	1523	420	6090	241	9.50	0.675	100+	
25.00	1	28.50	88	1276	352	5104	300	11.80	1.025	100	
31.00	1.1/4	35.60	63	914	252	3654	420	16.50	1.250	50	
38.00	1.1/2	50.40	50	725	200	2900	500	19.7	1.45	40	
50.00	2	63.50	40	580	160	2320	635	25	2	40	

TUBE:

Black, oil-resistant synthetic rubber (NBR)

REINFORCEMENT:

Single braided high tensile steel wire

COVER:- Wrap & Smooth:

Black, oil and abrasion-resistant synthetic rubber

TEMP RANGE:

-40°C to +100°C (+120°C intermittent)

APPLICATIONS:

For medium to high pressure Hydraulic Lines applied in various applications like earthmoving and other industries

PROPERTIES:

Uniform Thickness
High Pressure
Flexible

APPLICABLE STANDARDS:

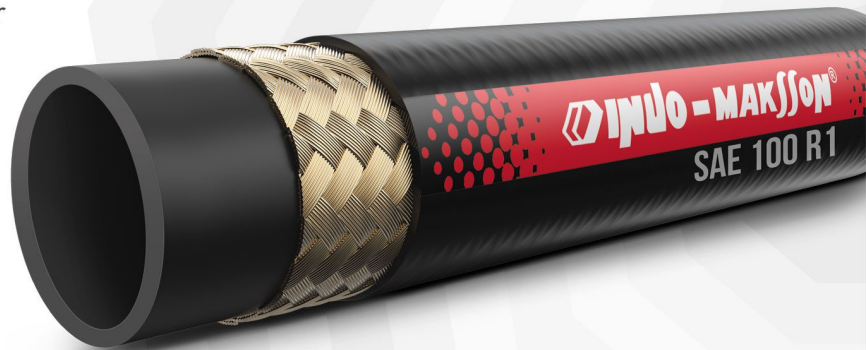
SAE 100 R1 AT/DIN EN853 1SN

STANDARD COLOUR:

Inner Tube - Black
Outer Cover - Black

MARKING ON THE HOSE:

Indo-Maksson - SAE 100 R1 I.D. W.P.
Made in India



Specification Subject to change due to Improvement in Quality [E&O.E].

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SAE 100 R2 AT

ID		OD		Working Pressure		Bursting Pressure		Bending Radius		Weight	Max. Length
mm	Inch	mm	BAR	PSI	BAR	PSI	mm	Inch	KG/MTR	MTR	
6.00	1/4	15.00	400	5800	1600	23200	100	3.90	0.35	100 +	
8.00	5/16	16.00	350	5075	1400	20300	115	4.50	0.40	100 +	
10.00	3/8	19.00	330	4785	1320	19140	127	5	0.5	100 +	
12.00	1/2	22.00	275	3988	1100	15950	178	7.00	0.65	100 +	
16.00	5/8	25.00	250	3625	1000	14500	200	7.90	0.80	100 +	
20.00	3/4	29.40	215	3118	860	12470	241	9.50	0.94	100 +	
25.00	1	37.60	165	2393	660	9570	300	11.80	1.36	100	
31.00	1.1/4	48.30	125	1813	500	7250	420	16.50	1.90	50	
38.00	1.1/2	54.70	90	1305	360	5220	500	19.7	2.3	50	
50.00	2	67.50	80	1160	320	4640	635	25	2.95	40	

TUBE:

Black, oil-resistant synthetic rubber (NBR)

REINFORCEMENT:

Double braided high tensile steel wire

COVER: Wrap and Smooth

Black, oil and abrasion-resistant synthetic rubber

TEMP RANGE:

-40°C to +100°C (+120°C intermittent)

APPLICATIONS:

For high pressure Hydraulic Lines applied in various applications like earthmoving and other industries

PROPERTIES:

Uniform Thickness
High Pressure
Flexible

APPLICABLE STANDARDS:

SAE 100 R2 AT/DIN EN853 2SN

STANDARD COLOUR:

Inner Tube - Black
Outer Cover - Black

MARKING ON THE HOSE:

Indo-Maksson - SAE 100 R2 I.D. W.P.
Made in India



Specification Subject to change due to Improvement in Quality (E&O.E).

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